Listing of Claims:

1. (Currently Amended) A method for managing connections in a packet data radio system, ~~characterized in that~~ comprising the steps of:

[[-]] monitoring at least data packets ~~relating to a predetermined allocated~~ ~~transport layer service access point and~~ transmitted by the packet data radio system ~~are monitored (605) for detecting~~ to detect packets comprising connection state change messages related to a predetermined allocated transport layer service access point[[,]]; and

[[-]] determining at least one parameter of a data packet connection of the packet data radio system using information contained in the connection state message if a packet comprising a connection state change message is detected[[,]] ~~information contained in the connection state change message is used in~~ ~~determining (620) at least one parameter of a packet data connection of the packet~~ ~~data radio system.~~

2. (Currently Amended) ~~A~~ The method ~~according to~~ of claim 1, ~~characterized in that~~ wherein said connection state change messages being monitored ~~are~~ comprise connection setup messages.

3. (Currently Amended) ~~A~~ The method ~~according to~~ of claim 1, ~~characterized in that~~ wherein said connection state change messages being monitored ~~are~~ comprise connection release messages.

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4. (Currently Amended) ~~A~~ The method ~~according to~~ of claim 1, ~~characterized in that~~ wherein said connection state change messages being monitored ~~are~~ comprise H. 323 connection state change messages.

5. (Currently Amended) ~~A~~ The method ~~according to~~ of claim 1, ~~characterized in that~~ wherein said connection state change messages being monitored ~~are~~ comprise connection state change messages according to the Session Initiation Protocol.

6. (Currently Amended) ~~A~~ The method ~~according to~~ of claim 1, ~~characterized in that~~ wherein the packet data radio system ~~is~~ comprises the General Packet Radio Service (GPRS) system.

7. (Currently Amended) ~~A~~ The method ~~according to~~ of claim 1, ~~characterized in that~~ wherein ~~the method comprises steps, in which said~~ packet data ~~connection~~ connections of the packet data radio system ~~is~~ are set up ~~(630)~~ at least in part according to said at least one parameter.

8. (Currently Amended) ~~A~~ The method ~~according to~~ of claim 1, ~~characterized in that~~ wherein ~~the method comprises steps, in which said~~ packet data ~~connection~~ connections of the packet data radio system ~~is~~ are modified ~~(635)~~ at least in part according to said at least one parameter.

9. (Currently Amended) A The method ~~according to~~ of claim 6, ~~characterized in that~~ wherein said monitoring is performed by a serving General Packet Radio Service (GPRS) support node.

10. (Currently Amended) A The method ~~according to~~ of claim 6, ~~characterized in that~~ wherein said monitoring is performed by a gateway General Packet Radio Service (GPRS) support node.

11. (Currently Amended) A The method ~~according to~~ of claim 6, ~~characterized in that~~ wherein said monitoring is performed by a General Packet Radio Service (GPRS) mobile station.

12. (Currently Amended) A system for managing connections in a packet data radio system, ~~characterized in that it comprises~~ comprising:

means for monitoring at least data packets relating to a predetermined allocated transport layer service access point, said monitored data packets being ~~and~~ transmitted in the packet data radio system[[,]];

means for detecting a call setup message in a monitored data packet[[,]]; and

means for determining at least one connection parameter based on information in a the detected call setup message.

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13. (Currently Amended) ~~A~~ The system ~~according to~~ of claim 12, ~~characterized in that~~

~~the system further comprises~~ further comprising:

means for initiating ~~the setting up~~ a set up of a packet data connection of

the packet data radio system at least partly based on said at least one connection

parameter.

14. (Currently Amended) ~~A~~ The system ~~according to~~ of claim 12, ~~characterized in that~~

~~the system further comprises~~ further comprising:

means for initiating ~~the modifying~~ a modification of a packet data

connection of the packet data radio system at least partly based on said at least

one connection parameter.

15. (Currently Amended) A network element of a packet data radio system, ~~characterized~~

~~in that it comprises~~ comprising:

means for monitoring at least data packets relating to a predetermined

allocated transport layer service access point, ~~and~~ said monitored data packets

being transmitted by the network element[[,]];

means for detecting a call setup message in ~~a~~ the monitored data packet

relating to said predetermined allocated transport layer service access point[[,]];

and

means for determining at least one connection parameter based on

information in ~~a~~ the detected call setup message.

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16. (Currently Amended) ~~A~~ <u>The</u> network element of ~~a packet data radio system according~~ ~~to~~ claim 15, ~~characterized in that it is~~ <u>wherein said network element comprises</u> a <u>General Packet Radio Service (GPRS)</u> network element.

17. (Currently Amended) ~~A~~ <u>The</u> network element of ~~a packet data radio system according~~ ~~to~~ claim 16, ~~characterized in that the~~ <u>wherein said</u> network element ~~is~~ <u>comprises</u> a serving <u>General Packet Radio Service (GPRS)</u> support node.

18. (Currently Amended) ~~A~~ <u>The</u> network element of ~~a packet data radio system according~~ ~~to~~ claim 16, ~~characterized in that the~~ <u>wherein said</u> network element ~~is~~ <u>comprises</u> a gateway <u>General Packet Radio Service (GPRS)</u> support node.

19. (Currently Amended) A mobile station, ~~characterized in that it comprises~~ <u>comprising:</u>

means for monitoring at least data packets relating to a predetermined allocated transport layer service access point[[,]]<u>;</u>

means for detecting a call setup message in a data packet[[,]]<u>;</u> and

means for determining at least one connection parameter based on information in ~~a~~ <u>the</u> detected call setup message.

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